

FIG. 1

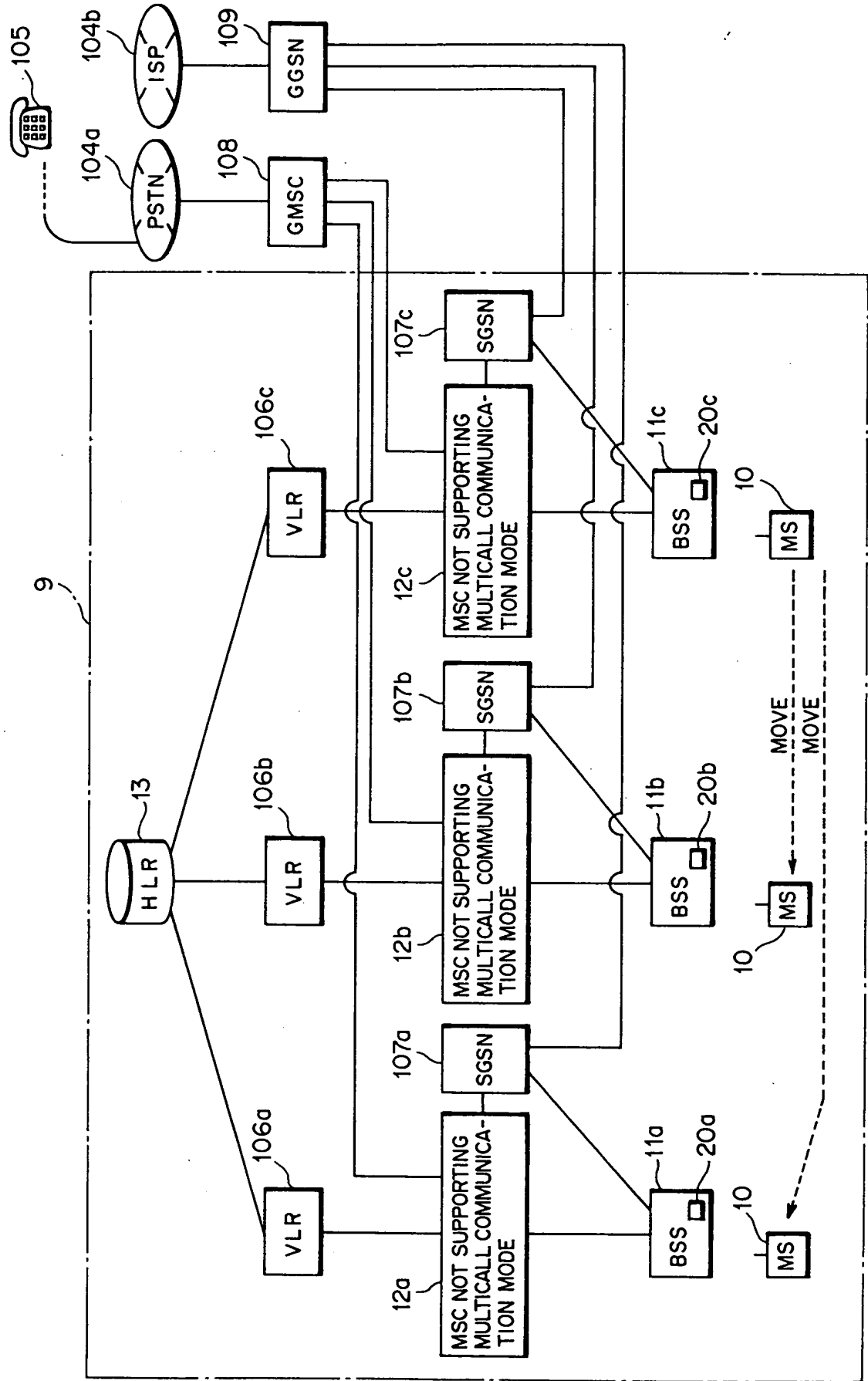


FIG. 2

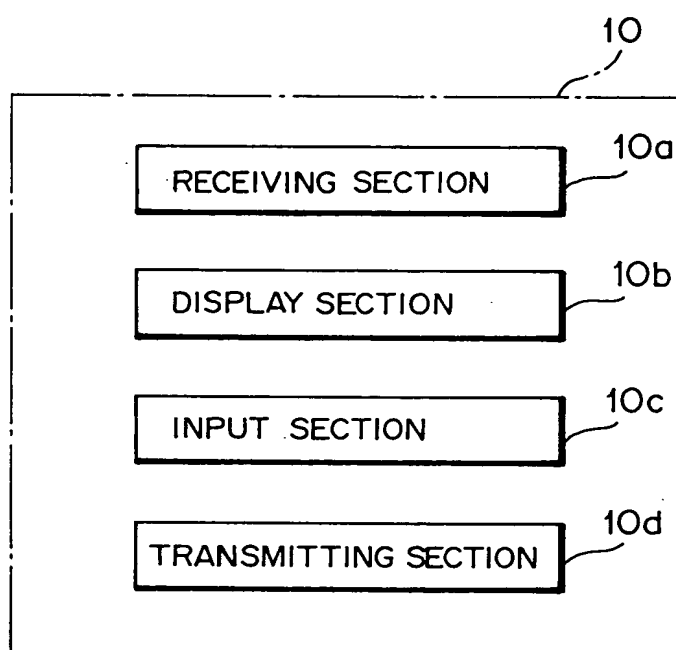
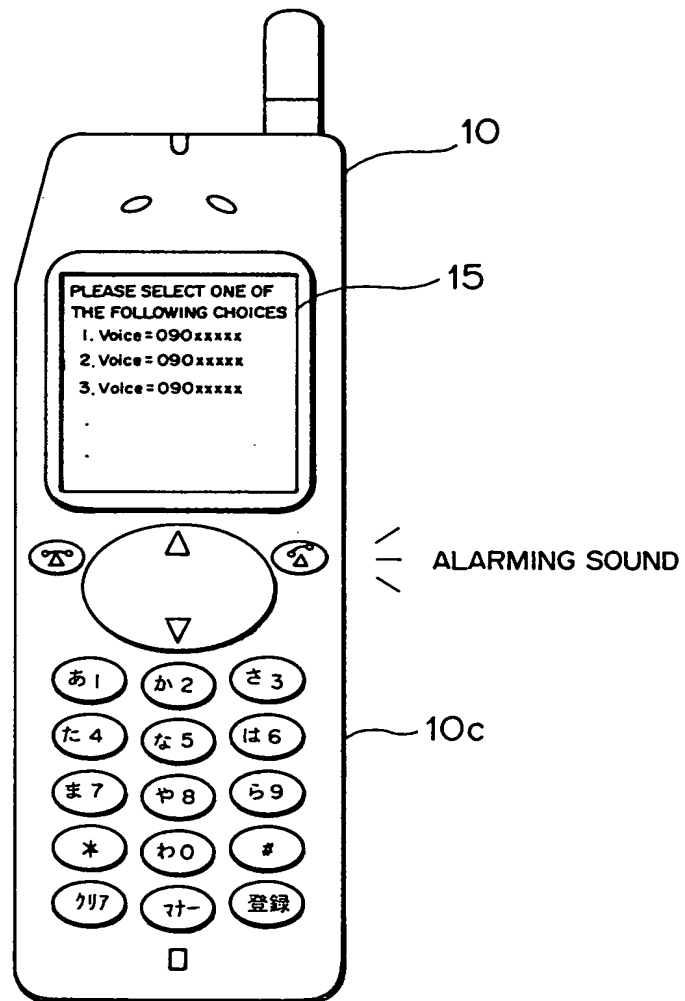


FIG. 3



EXAMPLE OF DISPLAY SCREEN OF TERMINAL FOR MENU SELECTION

FIG. 4

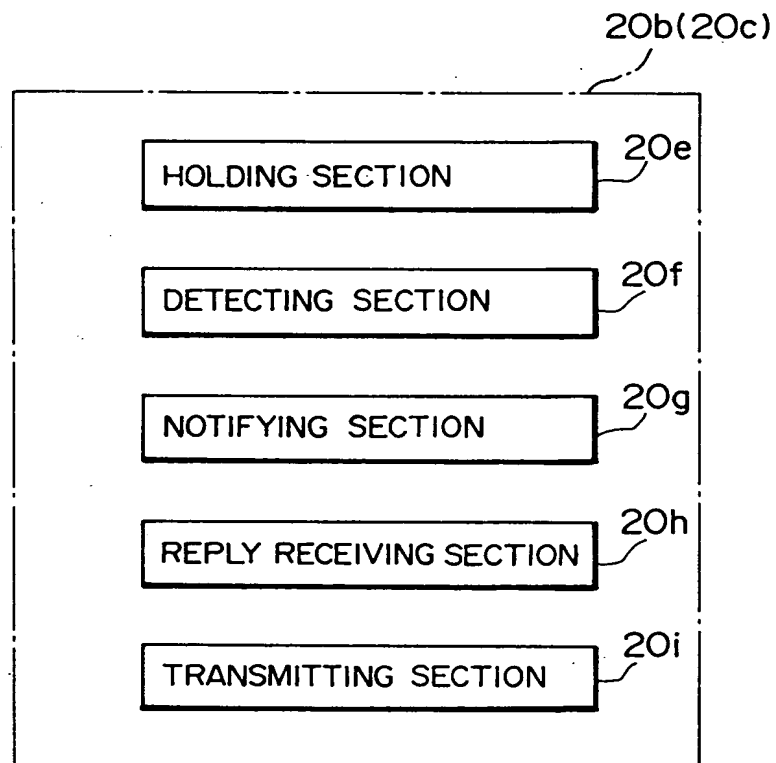


FIG. 5

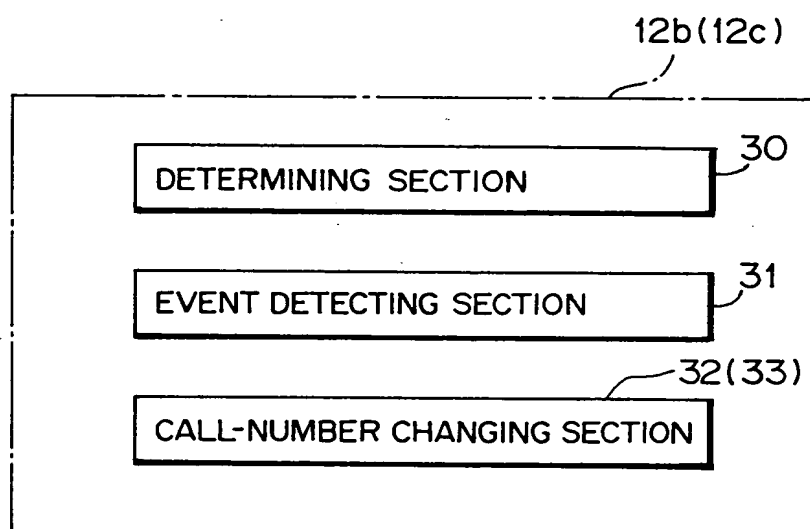


FIG. 6

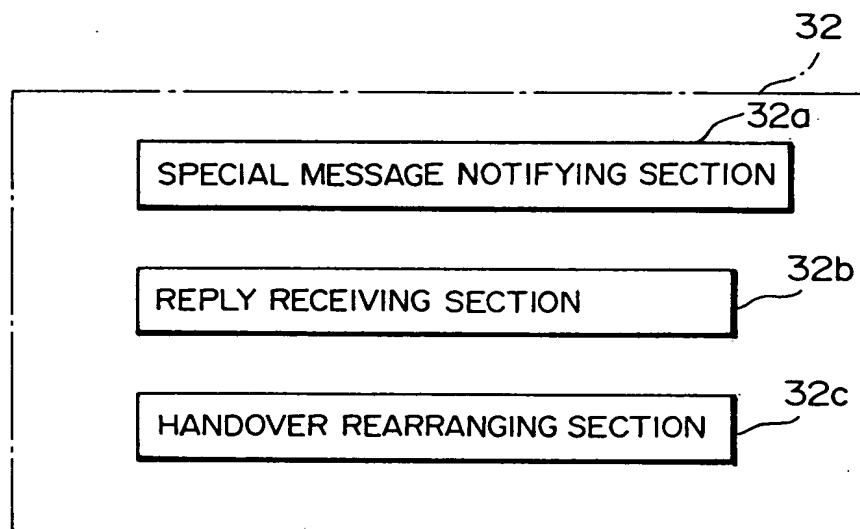
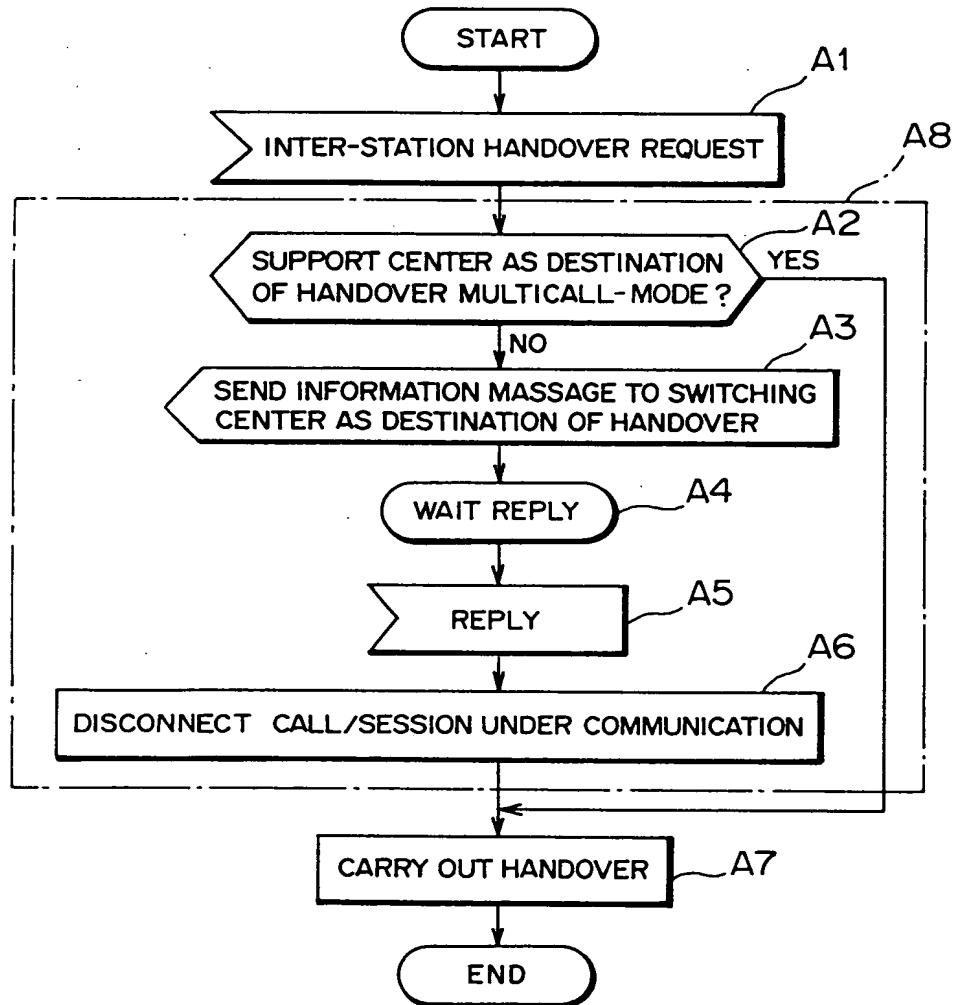
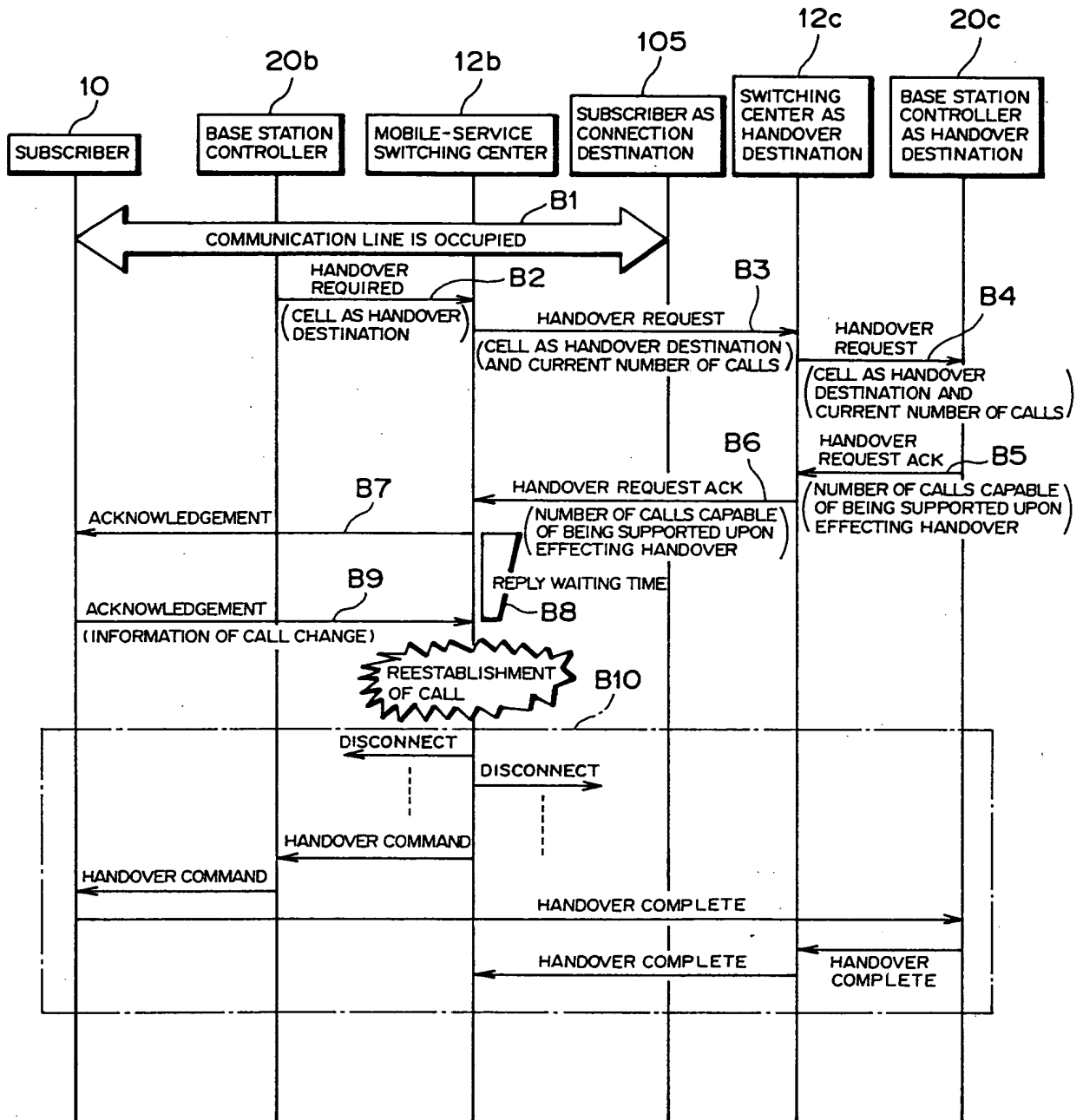


FIG. 7



EXAMPLE OF PROCESSING EFFECTED IN SWITCHING CENTER

FIG. 8



HANDOVER REQUIRED : HANDOVER REQUEST 1

HANDOVER REQUEST ACK : ACKNOWLEDGEMENT OF HANDOVER REQUEST 2

HANDOVER COMMAND : HANDOVER EXECUTION COMMAND

HANDOVER COMPLETE : HANDOVER COMPLETION NOTIFICATION

EXAMPLE OF SIGNALING SEQUENCE

FIG. 9(a)

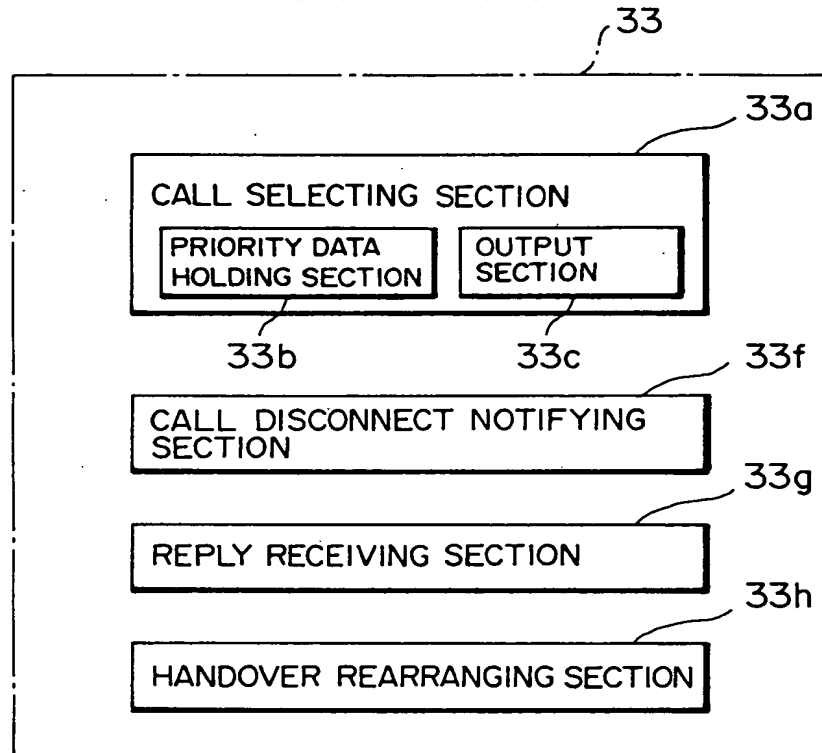


FIG. 9(b)

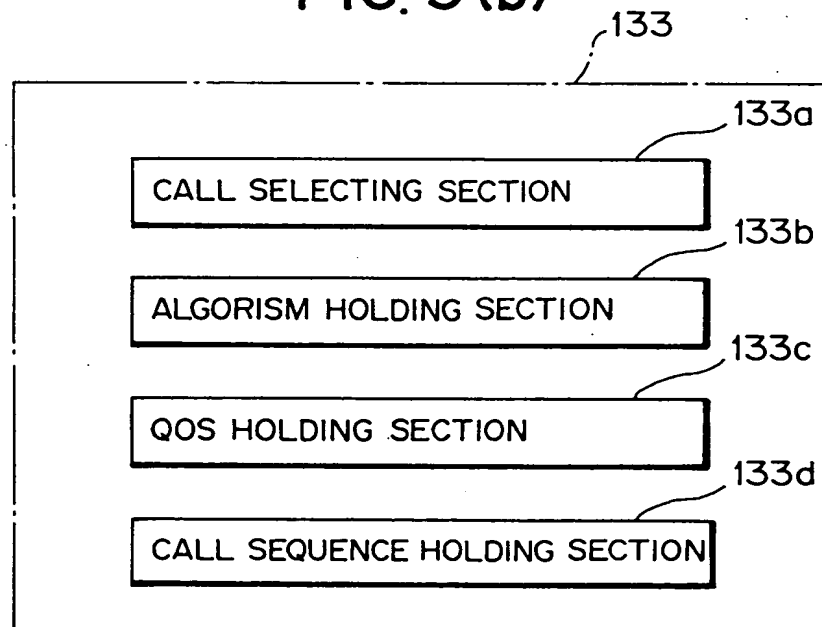
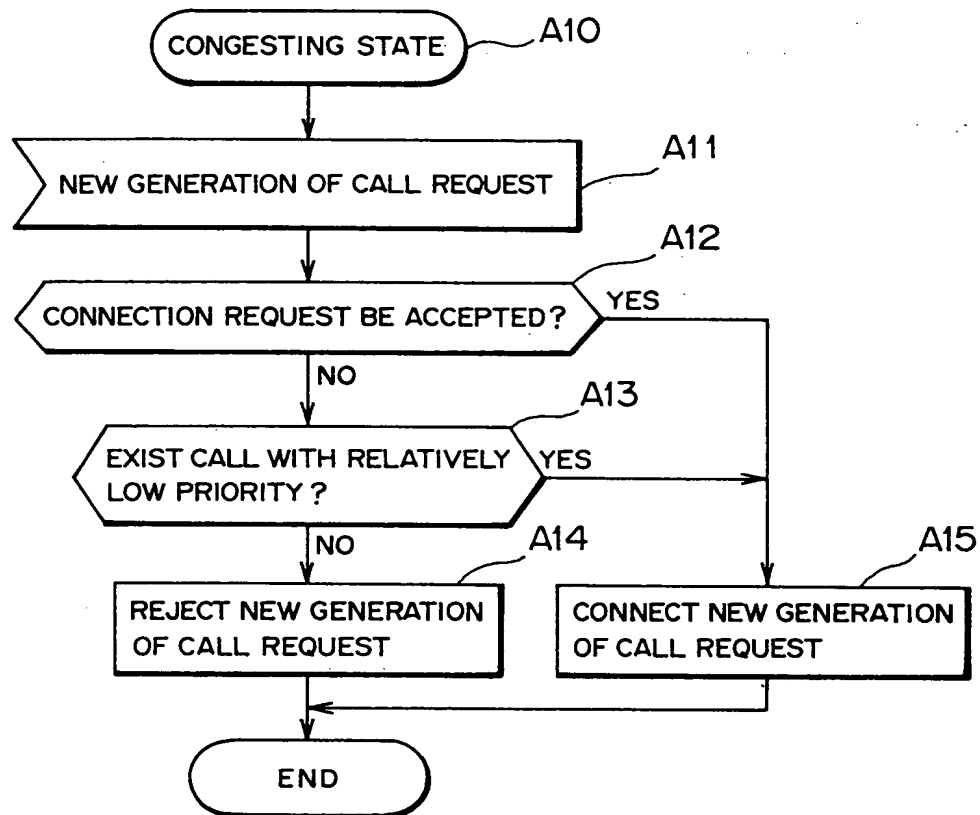
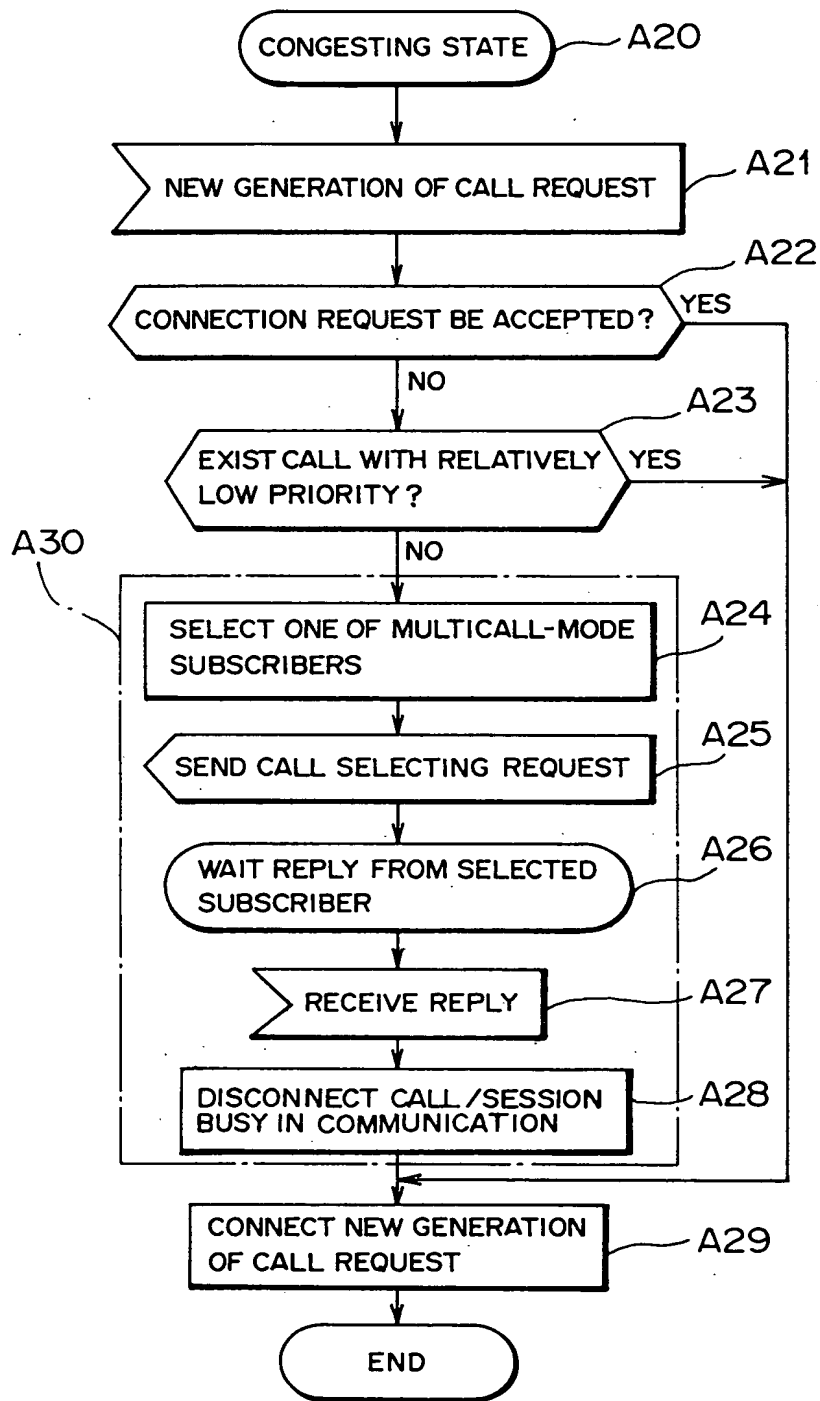


FIG. 10



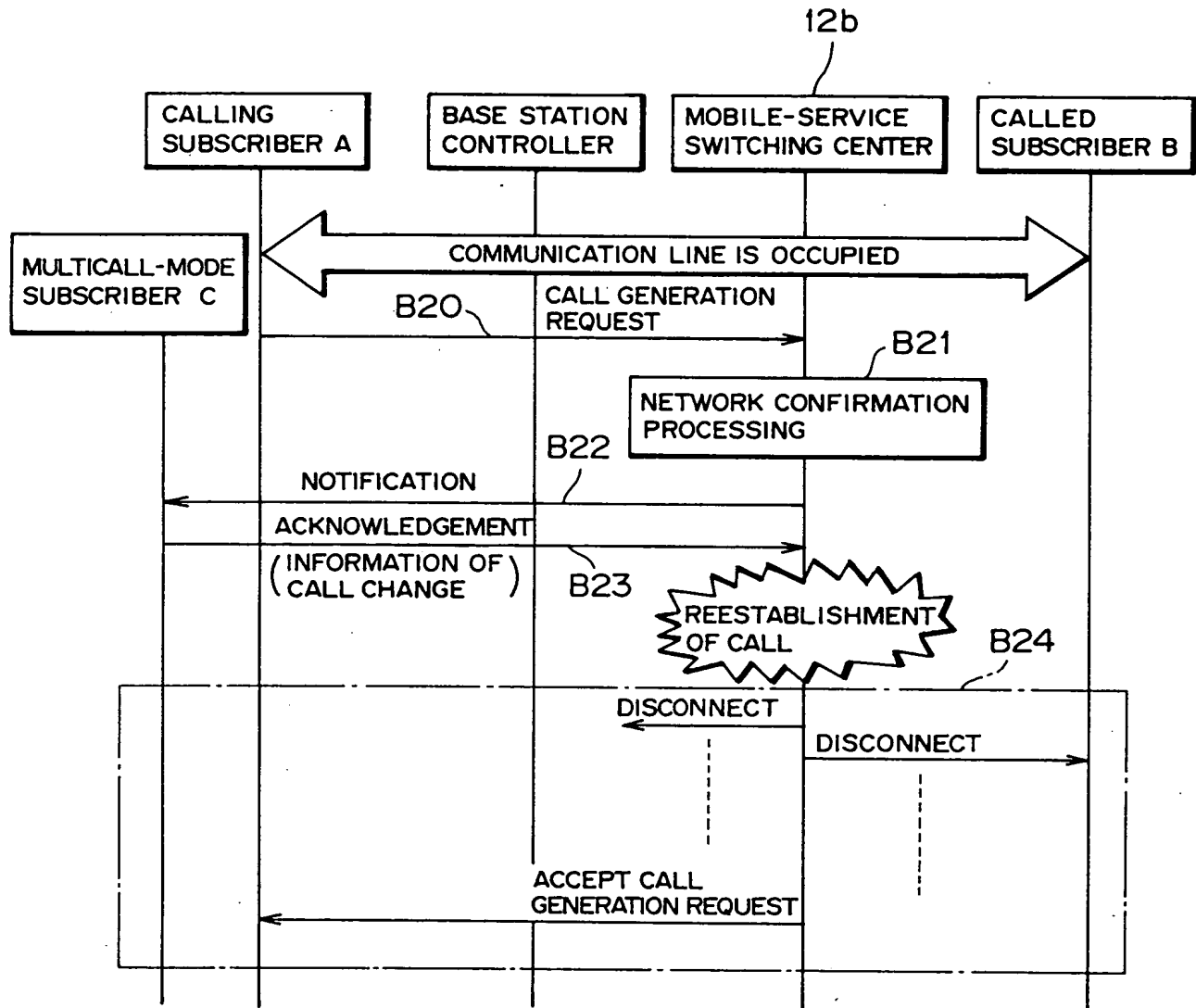
EXAMPLE OF PROCESSING OF SINGLE CALL

FIG. 11



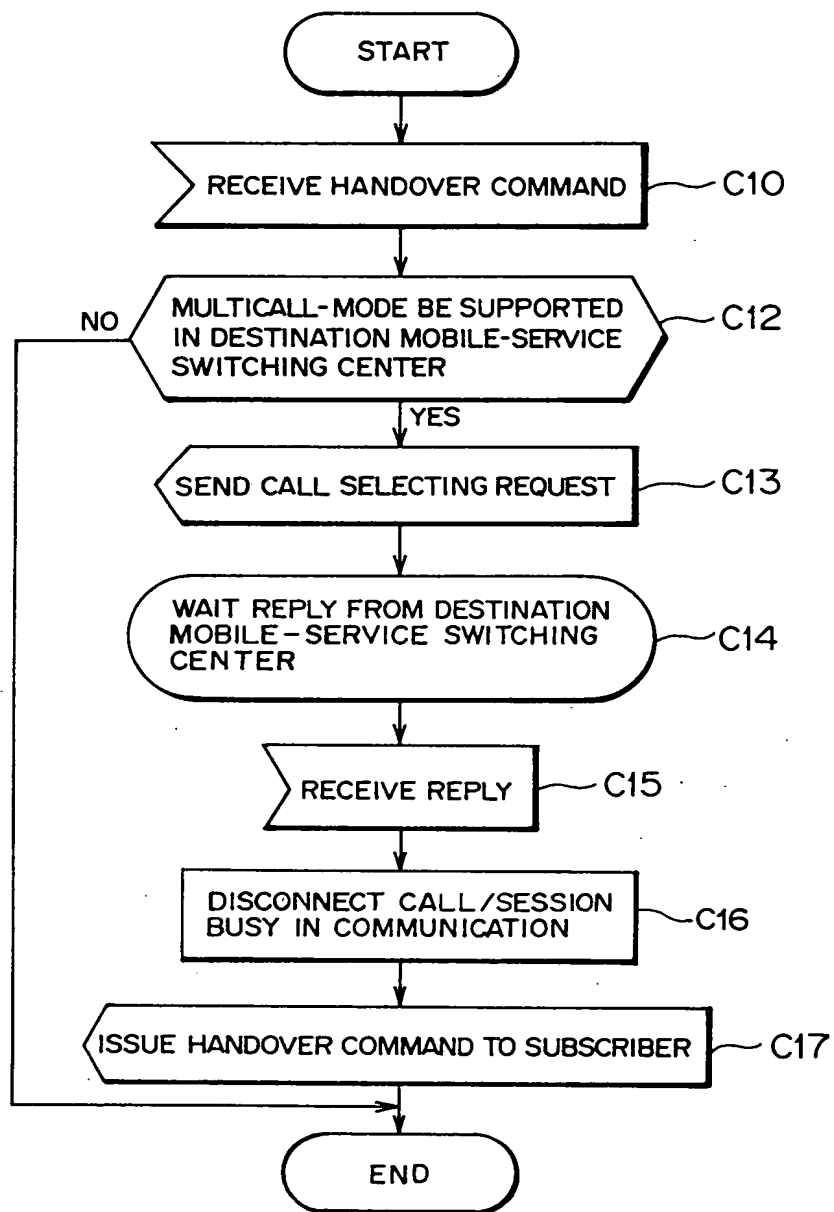
EXAMPLE OF PROCESSING EFFECTED ON THE SIDE OF
MOBILE-SERVICE SWITCHING CENTER

FIG. 12



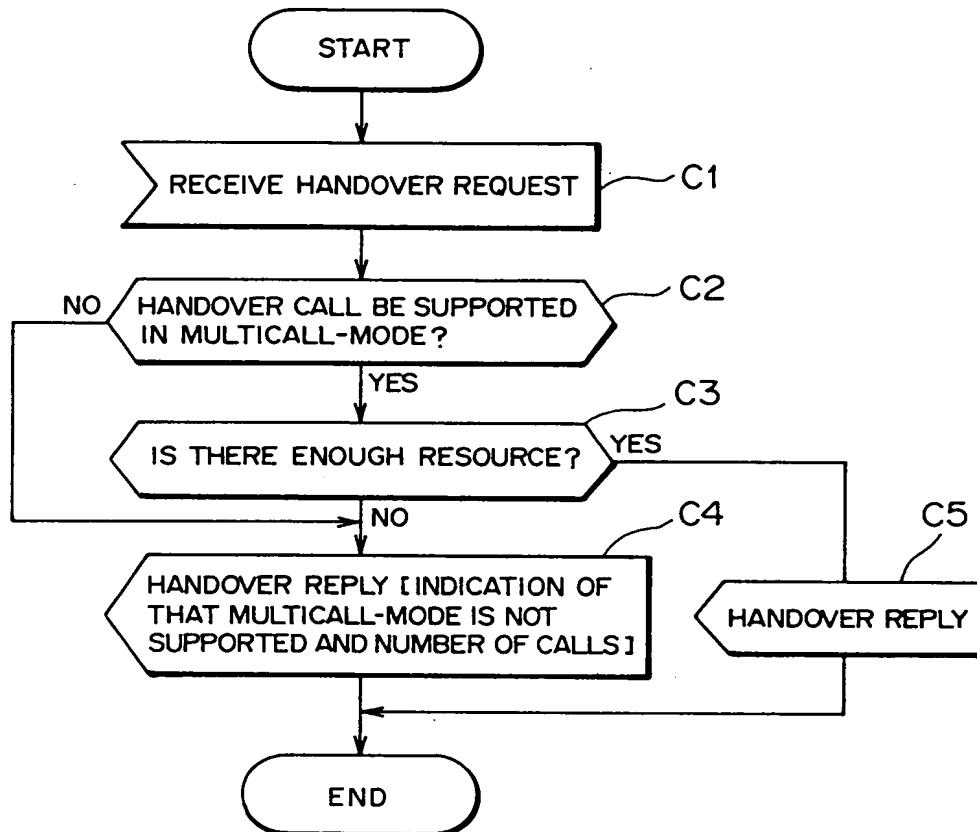
EXAMPLE OF SIGNALING SEQUENCE

FIG. 13



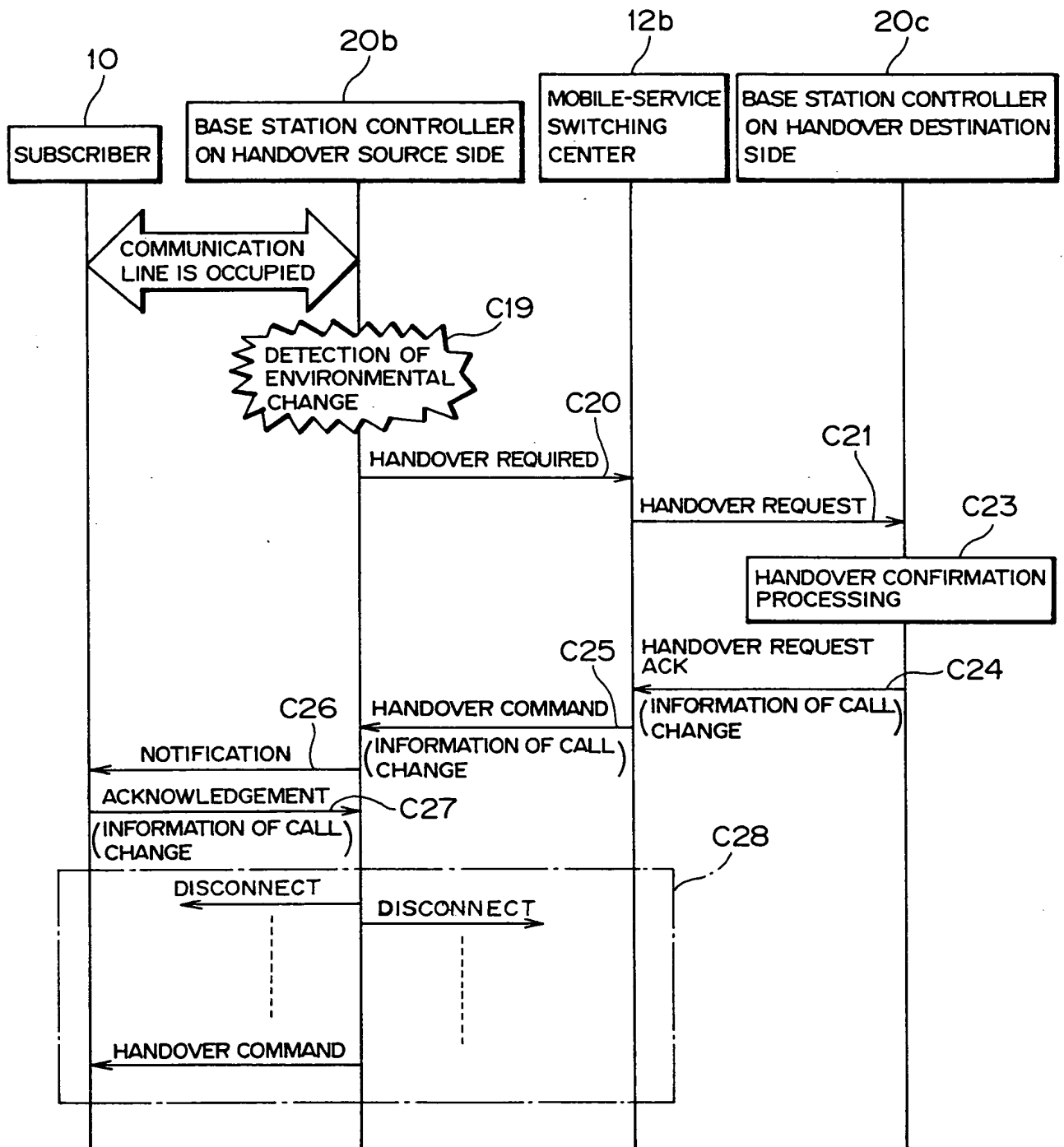
EXAMPLE OF PROCESSING EFFECTED IN BASE STATION
CONTROLLER ON HANDOVER SOURCE SIDE

FIG.14



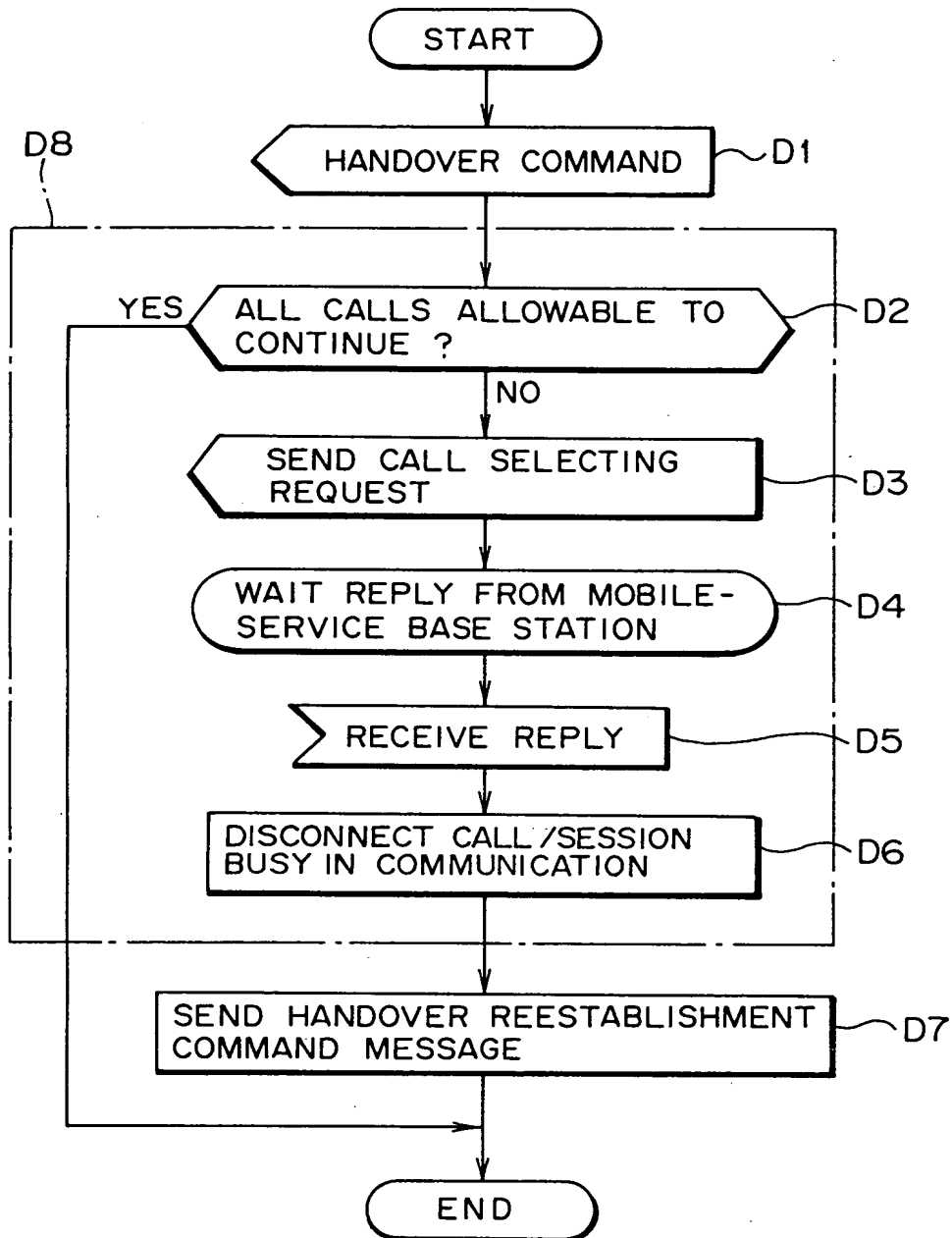
EXAMPLE OF PROCESSING EFFECTED IN BASE STATION
CONTROLLER ON HANDOVER DISTINATION SIDE

FIG. 15



EXAMPLE OF SIGNALING SEQUENCE

FIG.16



EXAMPLE OF PROCESSING EFFECTED ON THE
SIDE OF MOBILE-SERVICE SWITCHING CENTER

The diagram illustrates a handover method between a subscriber (10) and a base station controller (20b) on the source side, involving a mobile-service switching center (12b) and a subscriber as a connection destination (105) on the destination side. The process is coordinated by a base station controller on the destination side (20c).

Sequence of Events:

- D10:** Detection of environmental change at the source base station controller (20b).
- D11:** Handover required signal sent from the source base station controller (20b) to the mobile-service switching center (12b).
- D12:** Handover request (information of number of calls) sent from the mobile-service switching center (12b) to the subscriber as a connection destination (105).
- D13:** Handover request acknowledgment (information of calls allowable to continue) sent from the subscriber as a connection destination (105) to the mobile-service switching center (12b).
- D14:** Handover command (information of calls allowable to continue) sent from the mobile-service switching center (12b) to the source base station controller (20b).
- D15:** Notification sent from the source base station controller (20b) to the subscriber (10).
- D16:** Acknowledgment (information of call change) sent from the subscriber (10) to the source base station controller (20b).
- D17:** Call number decimation request sent from the source base station controller (20b) to the mobile-service switching center (12b).
- D18:** Call number decimation reply sent from the mobile-service switching center (12b) to the source base station controller (20b).
- Handover Complete:** The process concludes with the handover complete signal.

EXAMPLE OF SIGNALING SEQUENCE

FIG.18

PART OF CM SERVICE REQ MESSAGE
(EXAMPLE)

MESSAGE TYPE
TYPE OF REQUEST (CALL GENERATION)
INFORMATION OF MOBILE STATION
SUBSCRIBER'S IDENTIFIER
PRIORITY

17

RELATIVE PRIORITY WITH RESPECT TO OTHER CALL
CONNECTION PRIORITY

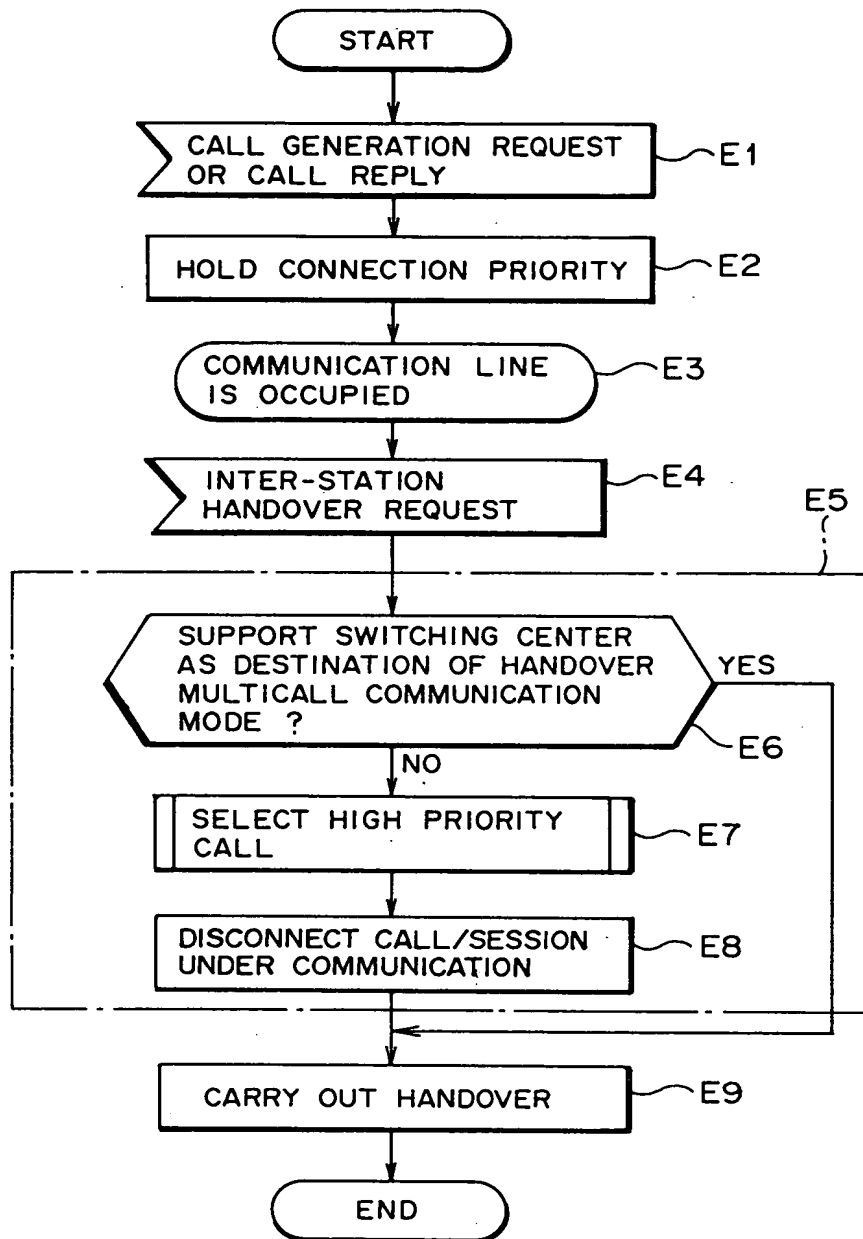
17a

NEWLY REQUESTED
CALL

17b

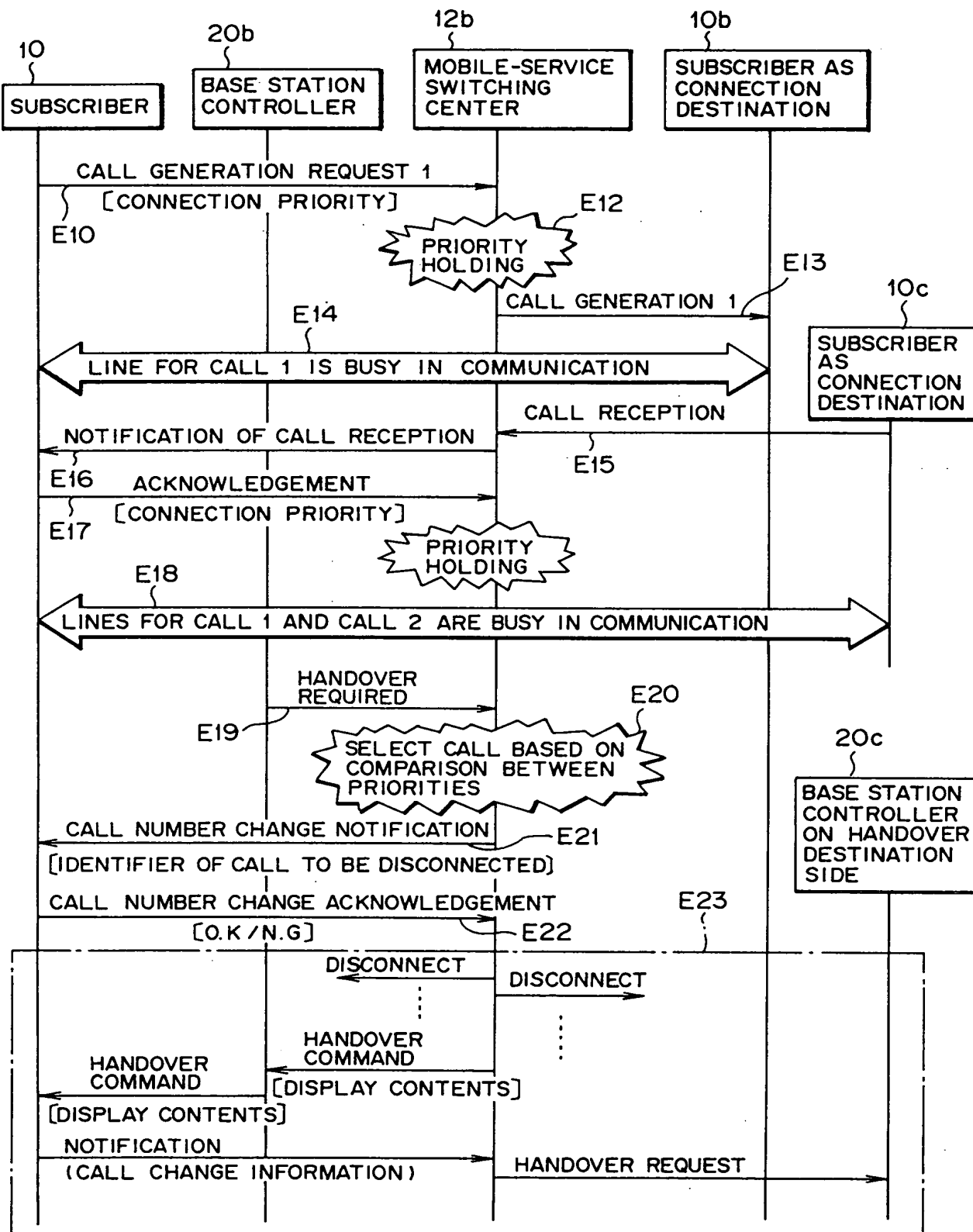
16: MESSAGE IMAGE (EXAMPLE)

FIG.19



EXAMPLE OF PROCESSING EFFECTED IN
SWITCHING CENTER

FIG.20



EXAMPLE OF SIGNALING SEQUENCE

FIG. 21

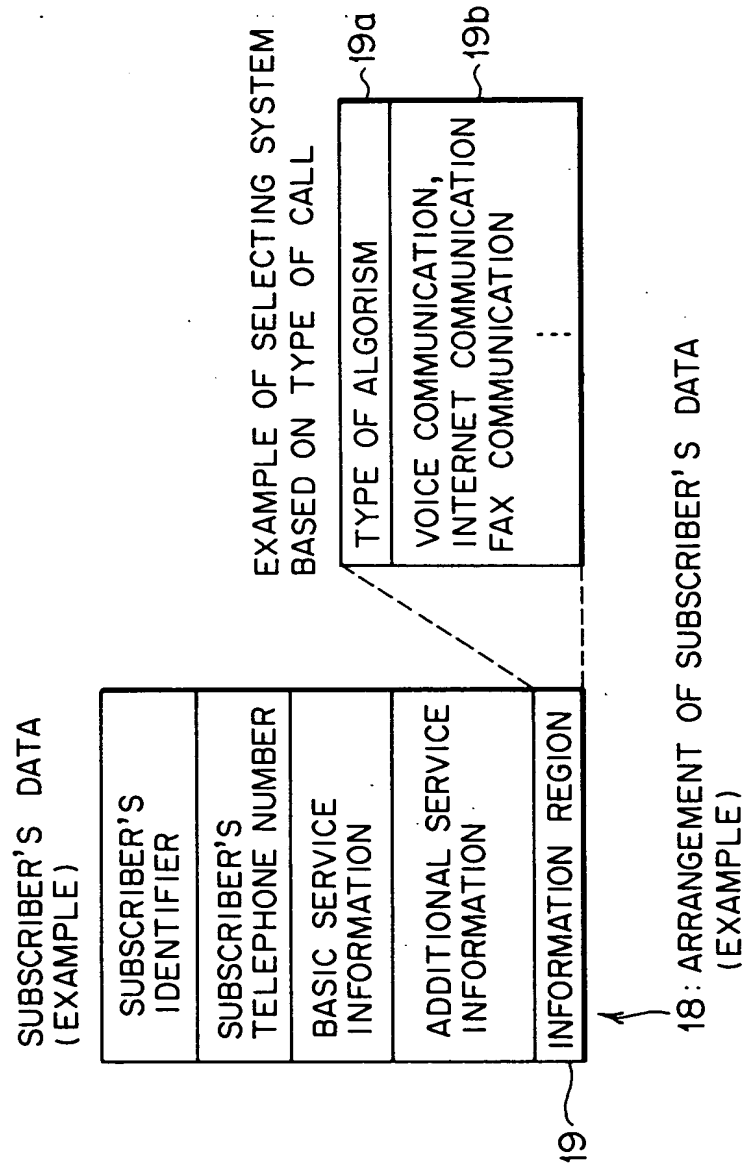
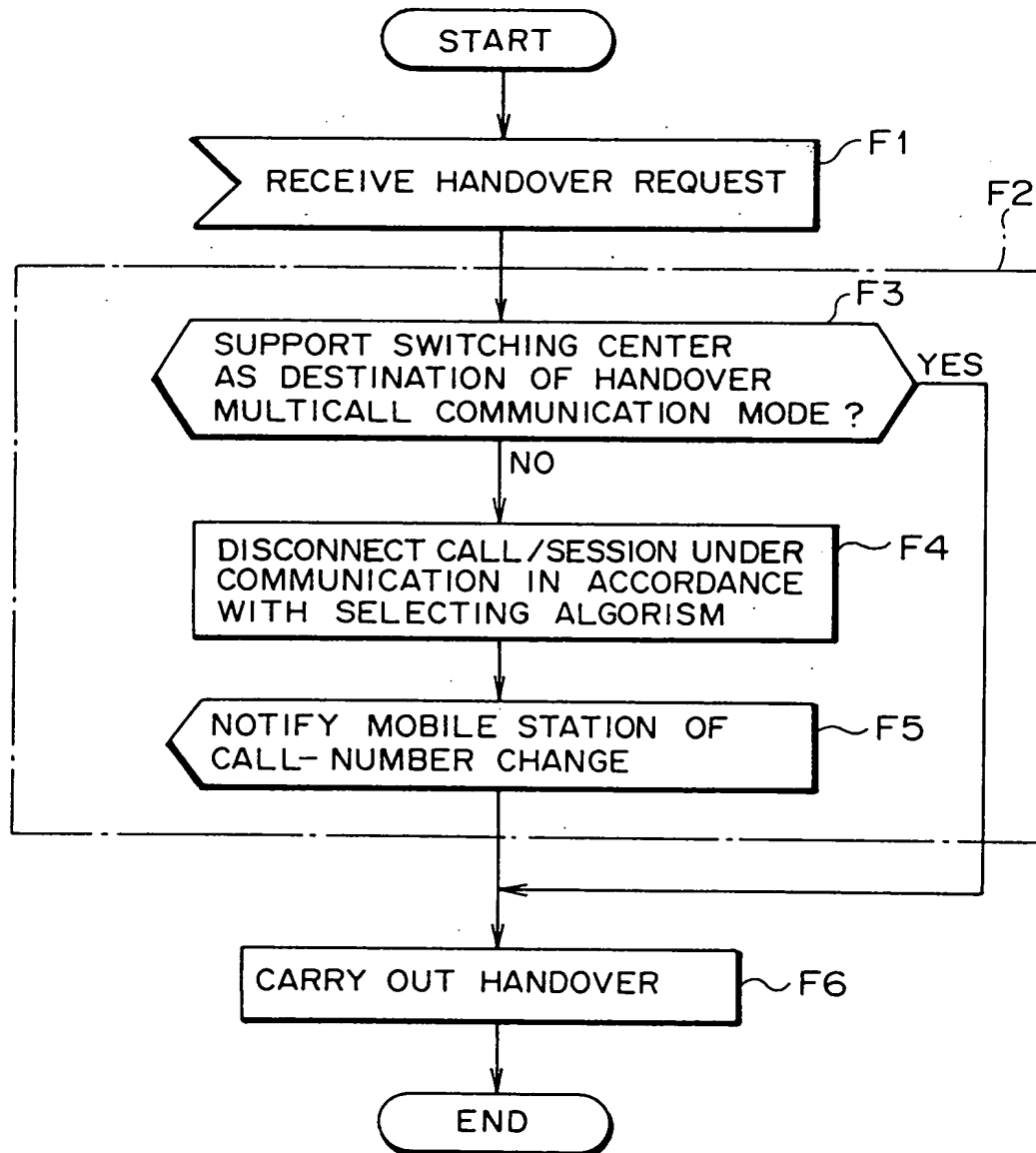
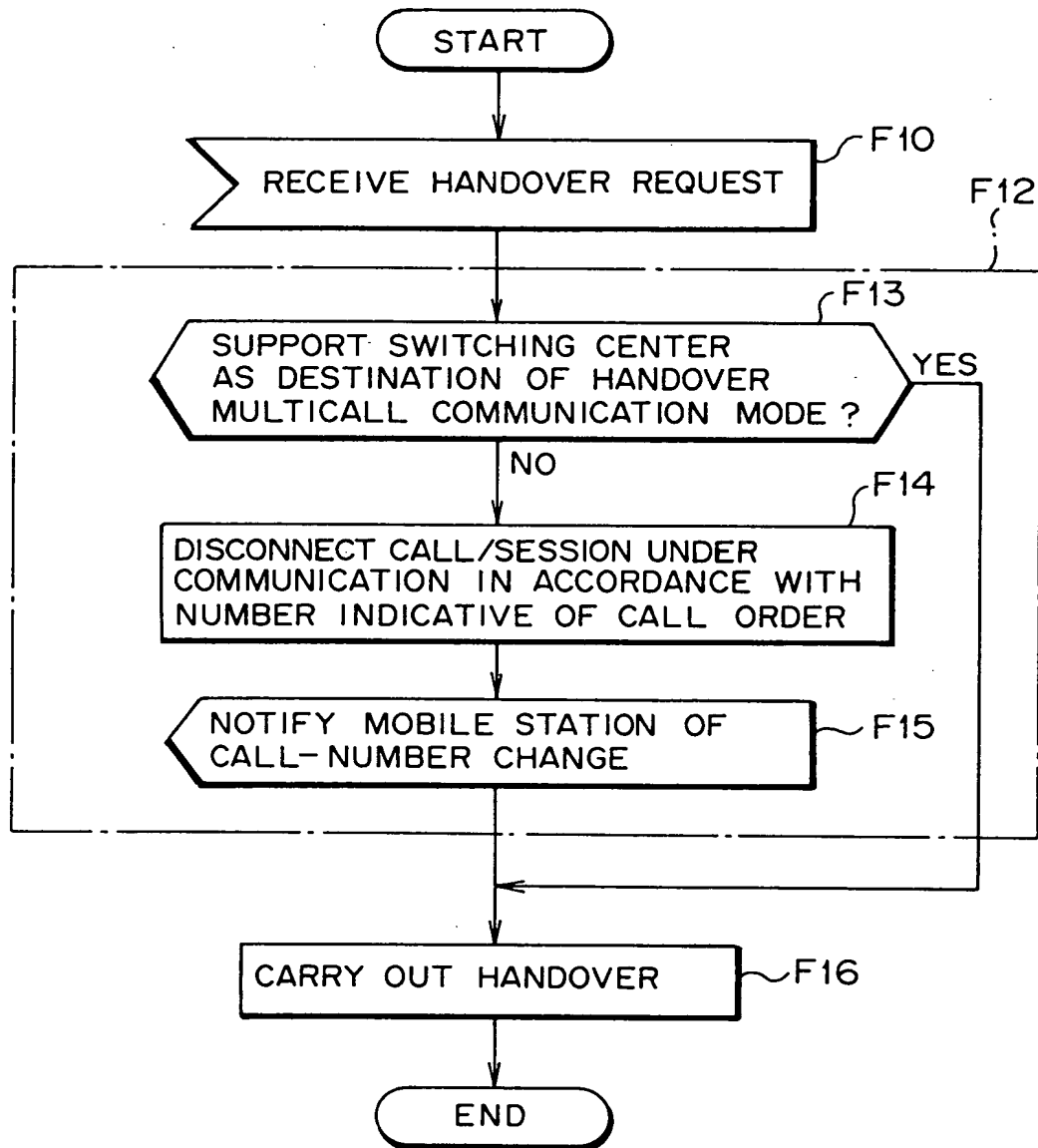


FIG.22



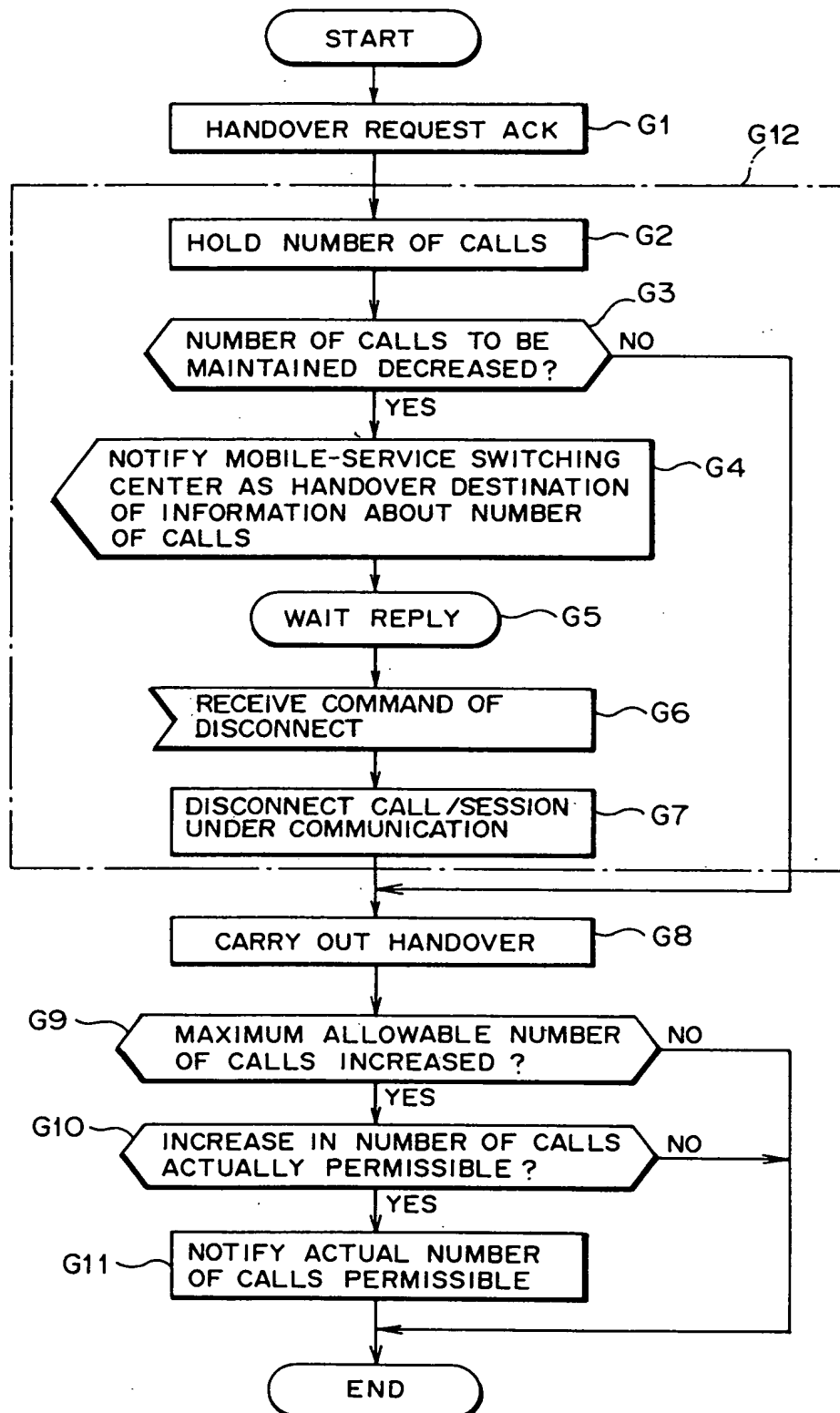
EXAMPLE OF PROCESSING EFFECTED
IN SWITCHING CENTER

FIG.23



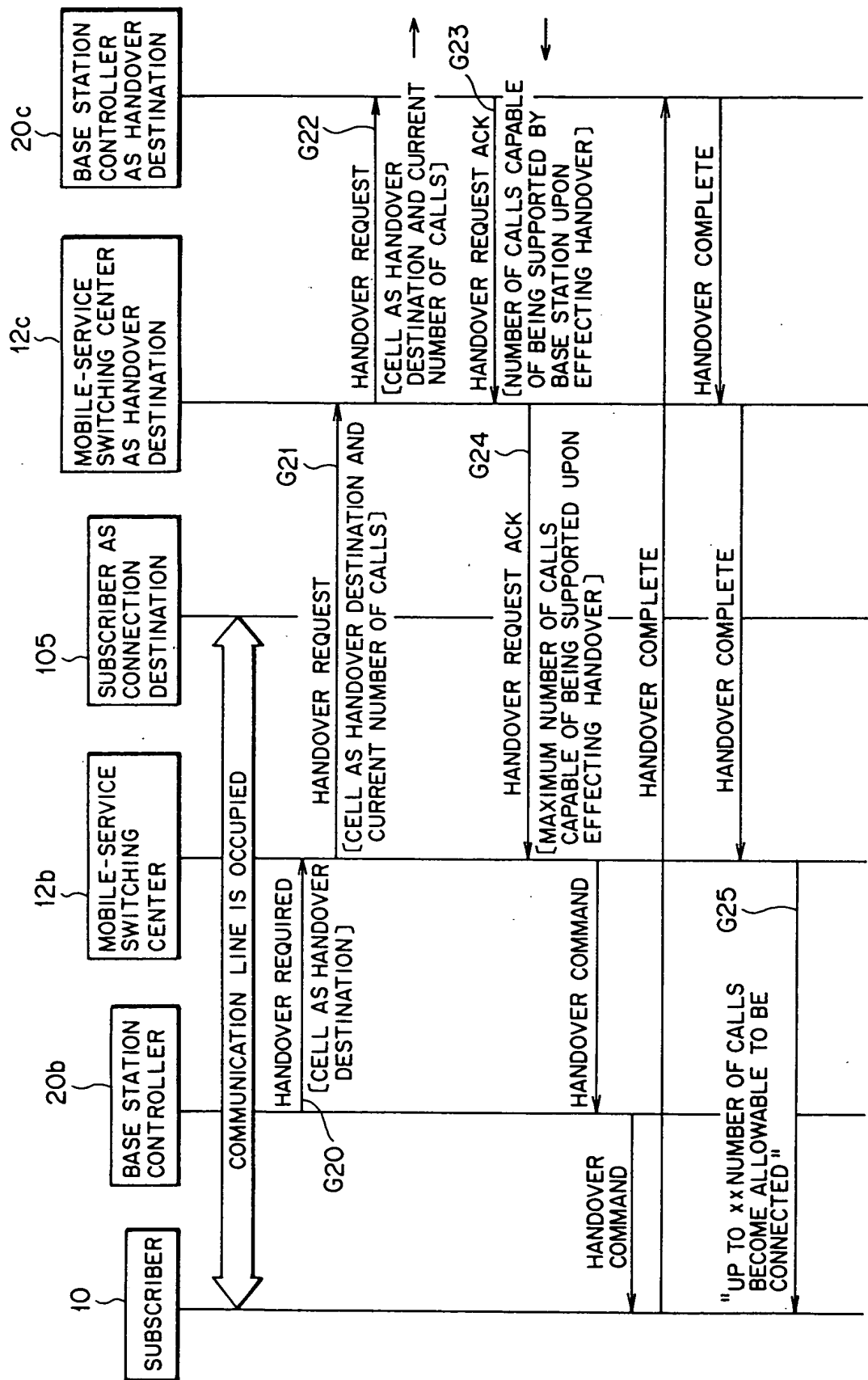
EXAMPLE OF PROCESSING EFFECTED
IN SWITCHING CENTER

FIG. 24



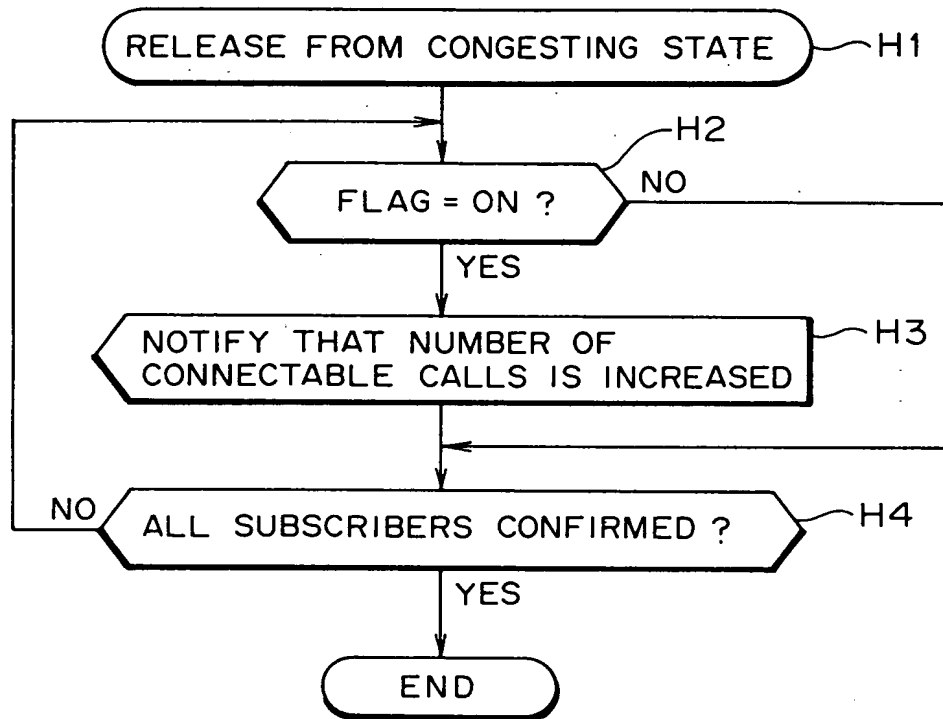
EXAMPLE OF PROCESSING EFFECTED IN MOBILE-SERVICE SWITCHING CENTER AS SOURCE OF HANDOVER

FIG. 25



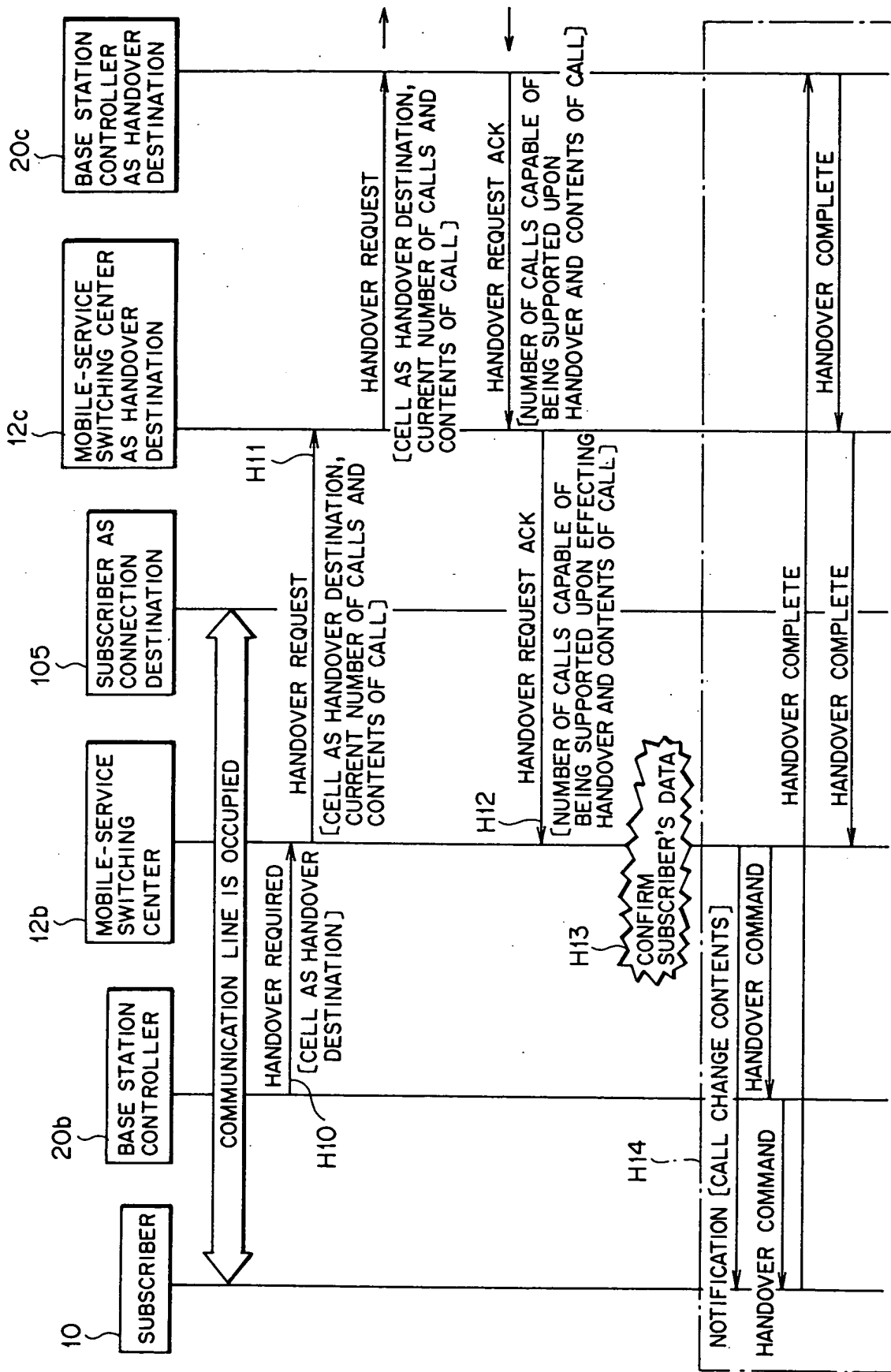
EXAMPLE OF SIGNALING SEQUENCE

FIG. 26



EXAMPLE OF PROCESSING EFFECTED IN
MOBILE-SERVICE SWITCHING CENTER

FIG. 27



EXAMPLE OF PROCESSING UPON HANDOVER

FIG. 28

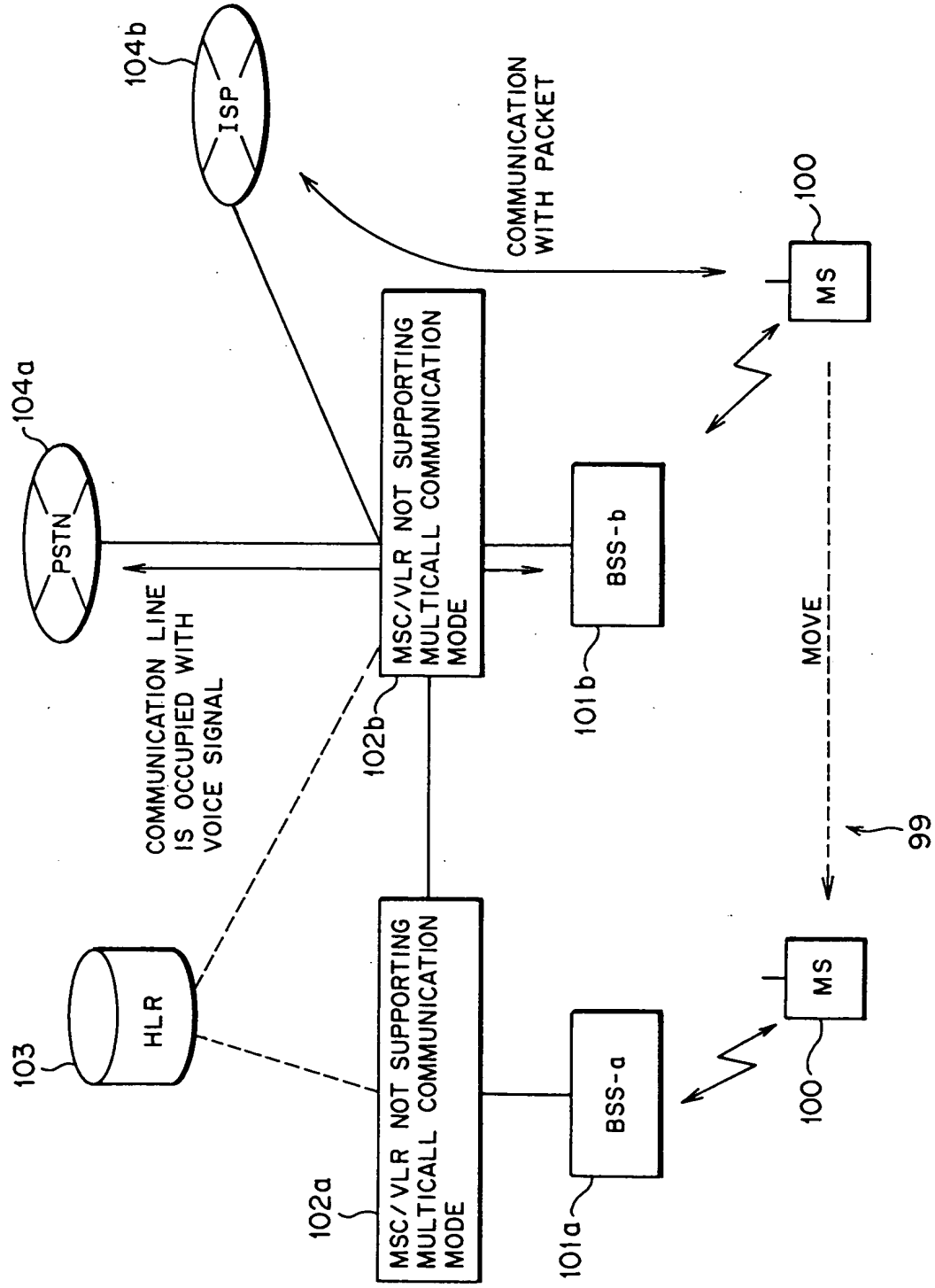
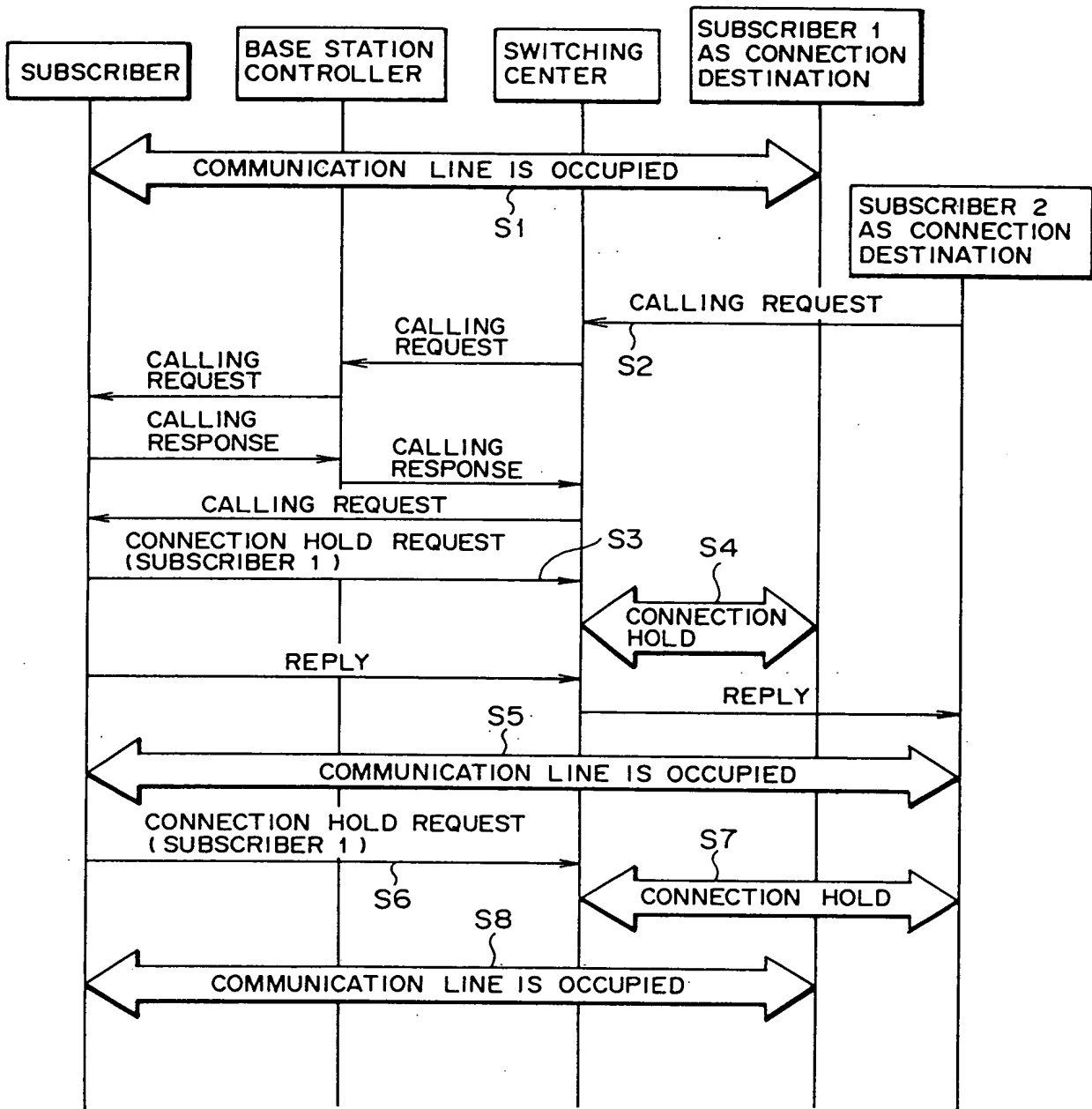
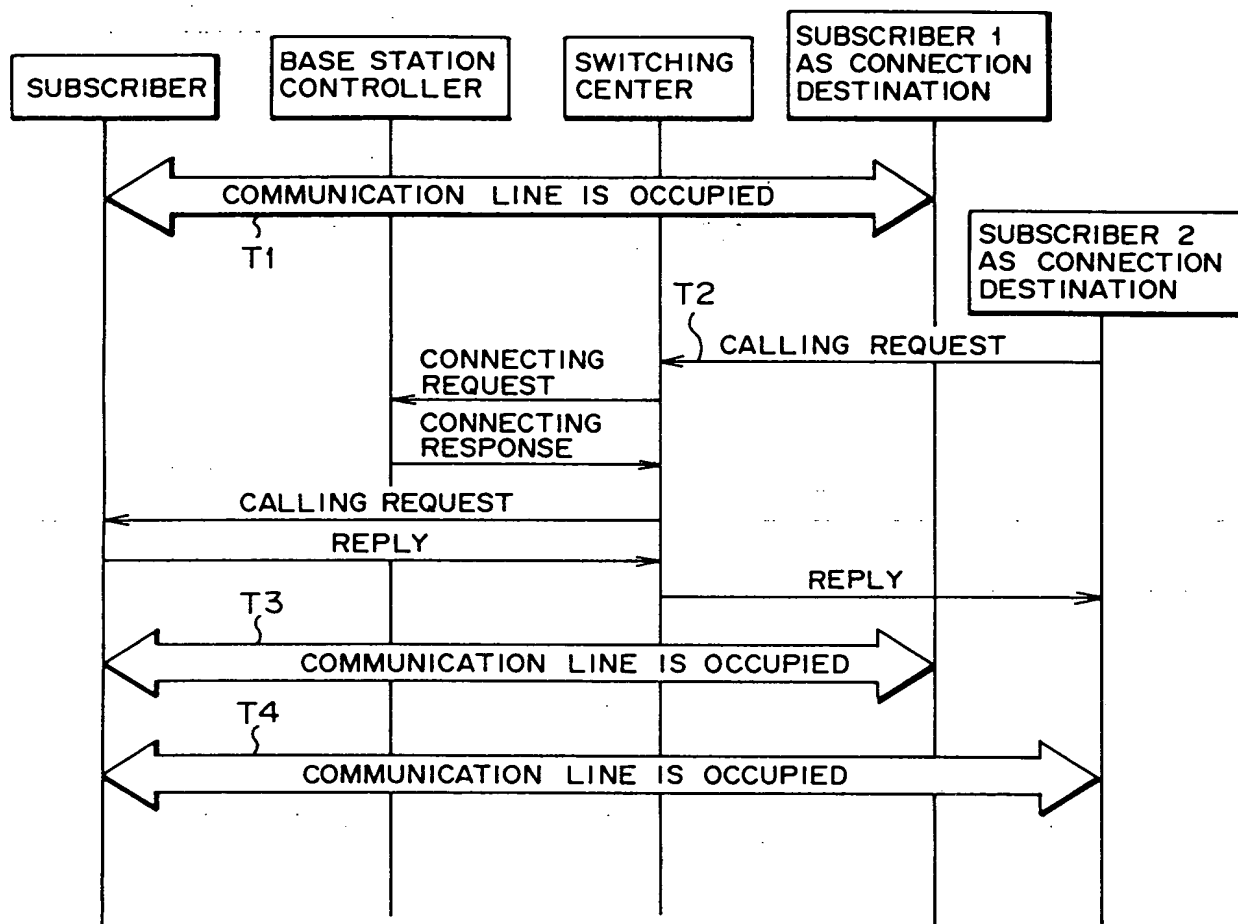


FIG. 29



EXAMPLE OF CONNECTION SEQUENCE
OF CATCH PHONE

FIG. 30



EXAMPLE OF CONNECTION SEQUENCE OF MULTI-SESSION (MULTICALL)